AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

- (Currently Amended) A method of driving a film forming apparatus that discharges liquid drops by imparting vibrations to a liquid, comprising the steps of controlling the vibrations by:
 - a first signal that causes liquid drops to be discharged; and
- a second signal that does not cause liquid drops to be discharged and that imparts a shear rate to the liquid that lowers a viscosity of the liquid.

wherein the liquid is a non-newtonian, pseudoplastic fluid body.

- 2. (Original) The method of driving a film forming apparatus, according to claim 1, wherein the second signal is transmitted before the first signal is transmitted.
- 3. (Original) The method of driving a film forming apparatus, according to claim 1, wherein the second signal is transmitted after the first signal is transmitted.
- 4. (Original) The method of driving a film forming apparatus, according to claim 1, wherein the second signal is transmitted at least once after a time when the first signal is transmitted and before a time when the first signal is transmitted again.

5. (Original) The method of driving a film forming apparatus, according to claim 1, wherein the second signal is not transmitted if the length of a time interval between a time when the first signal is transmitted and a time when the first signal is transmitted again is shorter than a predetermined length of time.

6. (Canceled)

7. (Original) A method of manufacturing a device, comprising the steps of:

forming a film on a substrate as a result of liquid drops being discharged by a

liquid drop discharge apparatus,

wherein the liquid drop discharge apparatus driven by the method of driving a film forming apparatus according to claim 1.

- 8. (Currently Amended) A film forming apparatus, comprising:
- a liquid drop discharge apparatus that discharges liquid drops;
- a pressure generating chamber provided in the liquid drop discharge apparatus, imparting vibrations to a liquid;
 - a pressure generating device provided in the pressure generating chamber; and
- a control device that controls the pressure generating device such that vibrations are imparted to the liquid using:
 - a first signal that causes the liquid drops to be discharged; and
- a second signal that does not cause the liquid drops to be discharged and that imparts a shear rate to the liquid that lowers a viscosity of the liquid.

wherein the liquid is a non-newtonian, pseudoplastic fluid body.

9. (Canceled)

- 10. (Original) The film forming apparatus according to claim 8, wherein the pressure generating device is a piezoelectric element that causes the liquid drops to be discharged by imparting vibrations to the pressure generating chamber.
- 11. (Original) The film forming apparatus according to claim 8, wherein the pressure generating device comprises a foam generating apparatus that causes the liquid drops to be discharged by generating foam in the liquid, and a control apparatus that controls a driving of the foam generating apparatus such that the generated foam expands or contracts.
 - 12. (Original) A device manufacturing apparatus, comprising:
- a film forming apparatus that forms a film on a substrate as a result of liquid drops being discharged from a liquid drop discharge apparatus, wherein

the film forming apparatus is the film forming apparatus according to claim 8.

13. (Original) A device manufactured by the device manufacturing apparatus according to claim 12.